

(12) UK Patent Application (19) GB (11) 2 161 536 A

(43) Application published 16 Jan 1986

(21) Application No 8517038

(22) Date of filing 5 Jul 1985

(30) Priority data

(31) 842749

(32) 10 Jul 1984

(33) FI

(51) INT CL<sup>4</sup>  
E05B 29/00

(52) Domestic classification  
E2A 101 115 524 EQ LL

(56) Documents cited  
US 4083312 US 4008588

(58) Field of search  
E2A

(71) Applicant

Oy Wartsila Ab (Finland),  
Box 230, SF-00101 Helsinki 10, Finland

(72) Inventors

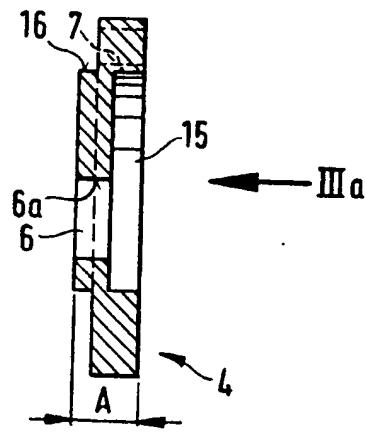
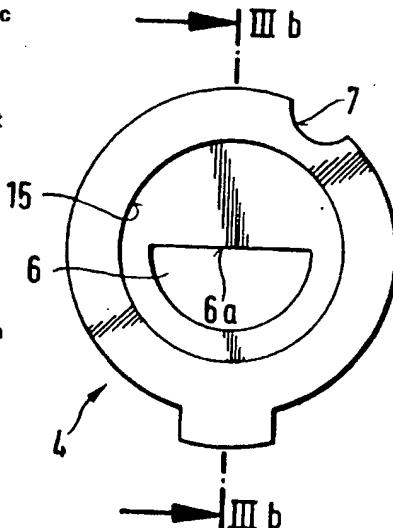
Kyosti Nevalainen  
Kaarlo Martikainen

(74) Agent and/or Address for Service

J Y & G W Johnson,  
Furnival House, 14-18 High Holborn, London  
WC1V 6DE

(54) Cylinder lock and locking disc therefor

(57) Peripheral notches (7) of locking discs (4) are located so that the locking discs (4) can be disposed in the cylinder lock either way with regard to their median plane, and at least some of the locking discs (4) are formed so that a surface (6a) of the key opening (6) of the locking disc cooperating with the corresponding combination surface of the key is substantially shorter in the axial direction than the overall thickness (A) of the disc and is located asymmetrically with regard to the median plane of the locking disc. Turning of one or more locking discs (4) through 180° around an axis in the plane of said disc changes the location of one or more surfaces (6a) and thus adapts the lock for use with different keys.



**Fig. 3a**

**Fig. 3b**

GB 2 161 536 A